

Title (en)

Carbonaceous electrode material for battery and process for production thereof

Title (de)

Elektrodenmaterial aus Kohlenstoff für Batterie und Verfahren zu seiner Herstellung

Title (fr)

Matériau d'électrode carboné pour une pile et procédé pour la production de celui-ci

Publication

**EP 0726606 B1 20021204 (EN)**

Application

**EP 96300799 A 19960206**

Priority

JP 4474195 A 19950209

Abstract (en)

[origin: EP0726606A1] A battery electrode material having a large charge-discharge capacity and capable of providing a (non-aqueous solvent-type secondary) battery of a high energy density is provided in the form of a carbonaceous material having a microtexture suitable for doping with lithium (ions). Such a carbonaceous material is produced through a process of heating a starting organic material for carbonization including a step of heating the organic material in a halogen gas-containing inert gas atmosphere in a specific temperature range (800 - 1400 DEG C) below the final carbonization temperature. <IMAGE>

IPC 1-7

**H01M 4/58**; **C01B 31/00**

IPC 8 full level

**H01M 4/58** (2010.01); **H01M 4/587** (2010.01)

CPC (source: EP KR US)

**C01B 32/00** (2017.07 - KR); **C01B 32/05** (2017.07 - EP US); **H01M 4/582** (2013.01 - EP US); **H01M 4/587** (2013.01 - EP US); **H01M 10/4235** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (examination)

EP 0700106 A2 19960306 - KUREHA CHEMICAL IND CO LTD [JP]

Cited by

EP1732153A4; EP1739771A4; US8574533B2; US7718307B2; US8470206B2

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DE FR GB NL

DOCDB simple family (publication)

**EP 0726606 A1 19960814**; **EP 0726606 B1 20021204**; CA 2169114 A1 19960810; CA 2169114 C 19991005; DE 69625100 D1 20030116; DE 69625100 T2 20031009; KR 0173841 B1 19990218; KR 960031340 A 19960917; US 5772974 A 19980630

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